

Placer's Docket No. 2001DE401

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Gerd REINHARDT, et al.

Application No.: 10/052,123

Group No.: 1714

Filed: January 17, 2002

For: USE OF TRANSITION METAL COMPLEXES HAVING OXIME LIGANDS AS BLEACH CATALYSTS

Assistant Commissioner for Patent  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

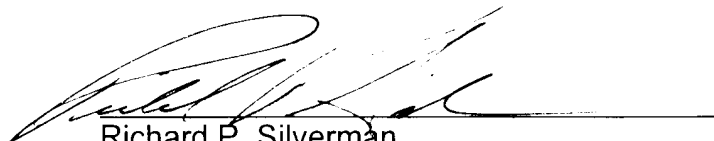
In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith).

1. ☒ Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ Form PTO-1449.
  - 1b. ☒ Copies of Information Disclosure Statement citations.
  - 1c. ☐ EPO Search Report
2. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(b) with the filing of the U.S. patent application. Accordingly, no fee or §1.97(e) Statement is required.
3. ☒ This Information Disclosure Statement is filed under 37 CFR §1.97(b) before the latter of three months after the U.S. patent application filing date or the first Office Action on the merits. Accordingly, no fee or §1.97(e) Statement is required.
4. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(c) after the first Office Action on the merits, but before a Final Office Action or a Notice of Allowance. The \$180.00 fee set forth in 37 CFR §1.17(p) in accordance with 37 CFR §1.97(c) is to be charged to Deposit Account No. 03-2060.

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5. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(e) in that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. Accordingly, no fee is required.
6. ☐ This Information Disclosure Statement is filed in conjunction with a Request For Continued Examination. Accordingly, no fee or §1.97(e) Statement is required.

Respectfully submitted,



Richard P. Silverman  
Registration No. 36,277

Clariant Corporation  
Industrial Property Department  
4000 Monroe Road  
Charlotte, North Carolina 28205  
Telephone: 704/331-7156  
Facsimile: 704/331-7707

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (37 CFR 1.98(b))	ATTY. DOCKET NO. 2001DE401	SERIAL NO. 10/052,123  MAY 16 2002 TC 100
	APPLICANT: Gerd REINHARDT, et al.	
	FILING DATE: 1/17/02	GROUP: 171

## U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	3,234,159	2/3/66	Pfluger, et al.			
	AB	4,535,542	4/20/86	Rieck			
	AC	4,664,339	5/11/87	Rieck			
	AD	4,935,553	1/15/91	Puertes, et al.			
	AE	5,075,941	12/24/91	Iutz			
	AF	5,303,596	5/3/94	Kotzian, et al.			
	AG	5,133,661	1/2/93	Schimmel, et al.			
	AH	5,263,156	11/27/93	Schimmel, et al.			
	AI	5,313,733	6/7/94	Carduck, et al.			
	AJ	5,356,697	10/12/94	Just			
	AK	5,404,438	1/27/96	Arnoldi, et al.			
	AL	5,541,316	7/30/96	Engelskirchen, et al.			
	AM	5,590,941	12/2/96	Krause, et al.			
	AN	5,616,550	4/1/97	Krause, et al.			
	AO	5,703,328	8/25/98	Kottwitz, et al.			
	AP	5,830,956	11/3/98	Stockhausen, et al.			
	AQ						

## FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION

		DOCUMENT NUMBER	PUB. DATE	COUNTRY		TRANSLATION
	BA	24 12 837	10/31/74	Germany		See BB Below
	BB	1 464 427	7/16/77	Great Britain		English
	BC	0 124 514	12/18/85	Europe		See AC Above
	BD	0 124 552	12/18/85	Europe		See AB Above
	BE	0 170 386	1/1/90	Europe		English
	BF	0 261 202	8/12/87	Europe		See AD Above
	EG	0 270 030	6/22/88	Europe		English
	BH	0 294 753	12/14/88	Europe		See CA Below
	BI	0 303 520	2/15/89	Europe		English

EXAMINER

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MAY 14 2002

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
2001DE401SERIAL NO.  
10/052,124

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(37 CFR 1.98(b))

APPLICANT: Gerd REINHARDT, et al.

FILING DATE: 1/17/02

GROUP: 1714

EC	0 390 592	10/17/90	Europe		English
EK	0 425 407	5/27/91	Europe		See CM Below
EL	0 425 428	5/27/91	Europe		See CM Below
EM	0 1 08171	8/1/91	WIPO		See AM Above
EN	0 426 835	7/17/91	Europe		See AG Above
EO	0 443 651	8/18/91	Europe		English
EP	0 458 390	11/13/91	Europe		English
EQ	0 480 592	1/21/92	Europe		See AM Above
EF	0 2 11347	7/26/92	WIPO		See CM Below
ES	0 502 375	8/9/92	Europe		See AM Above
ET	0 2 18542	10/20/92	WIPO		English
EU	0 544 490	6/2/93	Europe		English
EV	0 548 509	6/10/93	Europe		See AF Above
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EZ	0 4 00618	1/2/94	WIPO		English
PEA	43 11 381	3/15/94	Germany		See AM Above
PEB	43 00 772	7/21/94	Germany		See AF Above
PEC	43 02 320	8/11/94	Germany		See AM Above
PED	0 4 18314	8/18/94	WIPO		English
PEE	0 4 20008	10/13/94	WIPO		See CM Below
PEF	0 4 23053	10/13/94	WIPO		English
PEG	0 430 964	11/24/94	Europe		English
PEH	0 442 576	2/15/95	Europe		See AM Above
PEI	95 007321	3/16/95	WIPO		English
PEJ	95 00735	3/16/95	WIPO		English
EBK	44 17 734	11/2/95	Germany		See CM Below
PBL	95/19958	7/27/95	WIPO		English
EBM	95/19954	7/27/95	WIPO		English
EBN	95/19955	7/27/95	WIPO		English

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				APPLICANT: Gerd REINHARDT, et al.			
				FILING DATE: 1/17/02		GROUP: 1714	

	BBO	95/22592	8/24/95	WIPO			English
	BBF	44 16 438	11/16/95	Germany			See CE Below
	BBQ	44 43 177	6/5/96	Germany			See CF Below
	BBR	96/23859	8/8/96	WIPO			English
	BBB	96/23860	8/8/96	WIPO			English
	BET	96/23861	8/8/96	WIPO			English
	BEU	96/34092	10/31/96	WIPO			English
	BEV	96/34108	10/31/96	WIPO			English
	BEW	97/07191	2/27/97	WIPO			See CG Below
	BEK	98/23602	6/4/98	WIPO			English
	BEY						

**OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication\*\*)**

	CA	English abstract for EP 0294753, 12/14/88
	CB	English abstract for EP 0425427, 5/2/91
	CC	English abstract for EP 0425428, 5/2/91
	CD	English abstract for DE 4417734, 11/23/95
	CE	English abstract for DE 4416438, 11/16/95
	CF	English abstract for DE 4443177, 6/13/96
	CG	English abstract for WO 97/07191, 2/27/97
	CH	G.N. Schrauzer, et al., "Cobaloximes (II) and Vitamin B12r as Oxygen Carriers. Evidence for Monomeric and Dimeric Peroxides and Superoxides", Journal of the American Chemical Society, 92:6, March 25, 1970, pp.1551-1557
	CI	I.W. Pang, et al., "Kinetics of Reversible Binding Carbon Monoxide and Benzyl Isocyanide to Ferrous Dimethylglyoxime Complexes", Inorganic Chemistry, Vol. 16, No. 3, 1977, pp.593-594
	CJ	A. Chakravorty, "Structural Chemistry of Transition Metal Complexes of Oximes", Coordination Chemistry Reviews, 13, 1974, pp. 1-46
	CK	English abstract for JP 4-238809
	CL	English abstract for JP 4-260610
	CM	English abstract for WO 92/11347, 7/9/92
	CN	English abstract for WO 94/23005, 10/13/94

EXAMINER	DATE CONSIDERED
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